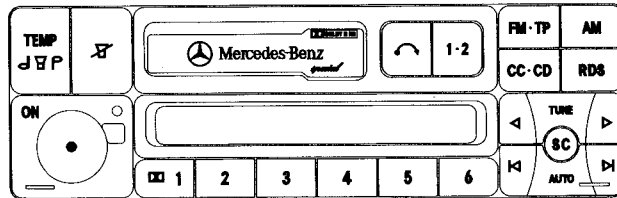


SPECIAL 1388 / 1689

Technische Information



INHALTSANGABE

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Technische Daten

Wellenbereiche

MW	531 kHz - 1620 kHz
LW	150 kHz - 282 kHz
KW 49m Band	5900 kHz - 6250 kHz
UKW	87,5 MHz - 108,0 MHz
UKW (TP)	87,5 MHz - 108,0 MHz

Sendereinstellung

Automatischer Sendersuchlauf, Programmsuchlauf, Scan-Funktion, Stationstasten 6 x UKW (Fixbetrieb), 6 x TP (Verkehrsfunk), 6 x RDS, 6 x KW, 6 x LW, 6 x MW, Handabstimmung: UKW 100 kHz, MW 9 kHz, KW 5 kHz, LW 3 kHz

Autostore

- bei FM (Fix) 6 Stationsspeicher

Senderidentifizierung

Anzeige der RDS-Senderkürzel (PS-Code) oder Frequenzanzeige im Display, Verkehrsfunkkennung (TP) und Verkehrsdurchsagekennung (TA). Regionalisierung bei bestimmten Senderketten möglich.

Abstimmung

Kapazitätsdioden mit prozessorgesteuertem Frequenzsynthesizer

Anzahl der Kreise

AM: 9 abstimmbare Kreise, 1 fester Kreis
FM: 4 abstimmbare Kreise, 1 fester Kreis

Zwischenfrequenz

AM 455 kHz, UKW 10,7 MHz

Schwundregelung (AM)

UKW-AGC

PIN-Diodennetzwerk und Regelverstärker im UK-Teil

Stereo-Decoder

Schalterdecoder mit feldstärkeabhängigem kontinuierlichem Stereo/Monoübergang und 57 kHz-Unterdrückung, EIC integriert, HCC (High-Cut-Control)

Technical Data

Wave bands

AM	531 kHz - 1620 kHz
LW	150 kHz - 282 kHz
SW 49m band	5900 kHz - 6250 kHz
FM	87,5 MHz - 108,0 MHz
FM (TP)	87,5 MHz - 108,0 MHz

Station setting

Automatic station search, Automatic program tuning, Scan tuning, Station recall keys: 6 x FM (fix-mode), 6 x TP, 6 x RDS, 6 x AM, 6 x LW, 6 x SW, Manual tuning: FM 100 kHz, AM 9 kHz, SW 5 kHz, LW 3 kHz steps

Autostore

- 6 stations for FM (fix-mode)

Station identification

Display of RDS-station name (PS-code) or frequency, traffic program (TP) and traffic announcement (TA). Regionalization possible at certain stations.

Tuning

Tuning diodes with processor-controlled frequency synthesizer

Number of circuits

AM: 9 variable circuits, 1 circuit fixed
FM: 4 variable circuits, 1 circuit fixed

Intermediate frequency

AM 455 kHz. FM 10.7 MHz

Fading control (AM)

FM-AGC

Pin diode network and AGC-amplifier in FM-part

Stereo decoder

Switch decoder with continuous mono-/stereo change-over, dependent on field intensity, 57 kHz suppression, EIC integrated, HCC (High-Cut-Control)

Qualitätsbewertung

Feldstärkeabhängiges Mono-Blend, Multipathabhängiges Mono-Blend, HCC (High-Cut-Control), Analoge Qualitätsspannung

Klangeinstellung

Höhen, Bässe getrennt einstellbar für jede Betriebsart und Wellenbereich. Einstellbar nach Aufrufen der Klang-Taste, Wertanzeige im Display.

Klang-Speicher**Loudness**

Physiologische Lautstärkeregelung, automatisch.

Balance, Fader

Einstellbar nach Aufrufen der Klangfunktion, Wertanzeige im Display

Verkehrsfunk

Auswertung über RDS ,
Verkehrsfunk abschaltbar,
Durchsagekennung
TP-Anzeige im Display,
Verkehrsfunksuchlauf nach Aktivierung mit TP-Taste,
Last Function Memory

Diebstahlschutz

5-stelliger Festcode, Anti-Theft-LED (abschaltbar)

Telefonstummenschaltung**Betriebsartwahl**

Über CC-CD-Taste und Rundfunkasten

Cassettenteil , siehe getrennte Technische Information

Allgemeine Daten

Außentemperaturanzeige(bei angeschlossenem Außentemperaturfühler)

Anzeigebereich zwischen -20°C und +50°C

Betriebsspannung

24 V

Betriebsspannung intern

5 V stabilisiert

8,5 V stabilisiert

Ausgangsleistung

2 x 15W (an 4 Ohm)

Stromaufnahme

< 8,5 mA bei ausgeschaltetem System (nur an Kl. 30)
ca. 210 mA Radio aus (an Kl. 30 und 15)
ca. 350 mA bei Rundfunk-Leerlauf

Abmessungen

Einblock-Gerät nach DIN ISO 7736
B x H x T: 182 x 52 x 162 mm

Gewicht

1,6 kg

Quality evaluation

Field-strenht dep. Mono-Blend, Multipath dependent Mono-Blend, HCC High-Cut-Control, Analog quality voltage

Tone control

Treble and bass separately adjustable for each operation mode and each wave band. Adjustable after having pressed the tone control key, value indication at the display.

Tone memory**Loudness**

Physiological volume control, automaticly.

Balance, fader

Adjustable after having pressed the tone control key, value indication at the display.

Traffic radio part

Evaluation with RDS,
Traffic information switchable,
Information code,
TP is displayed,
Traffic radio station search after activating with the "TP"- key,
Last function memory

Antitheft system

5-digit fixed Code, Anti-Theft-LED (switchable)

Muting during Car Telephone Calls**Mode Selection**

Press the key CC-CD and radio keys

For tape deck see separate technical information

General Data

Outdoor temperature display (if pyrometer probe is connected)

Display range is between -20°C and +50°C

Operating voltage

24 V

Operating voltage internal

5 V stabilized

8.5 V stabilized

Output power

2 x 15 W (at 4 ohm)

Current consumption

< 8.5 mA when system is switched off (only at terminal 30)
approx. 210 mA radio off (at terminal 30 and 15)
approx. 350 mA radio without modulation

Dimensions

One-part radio according to DIN ISO 7736
Width x Height x Depth: 182 x 52 x 162 mm

Weight

1.6 kg

Anschlußanweisung

Kammer

(A)

- 1 Temperaturfühler Masseanschluß
- 2 Temperaturfühler
- 3 Telefon-Stummschaltung
- 4 Dauerplus (Klemme 30)
- 5 Steuerausgang für Automatikantenne (+24V)
- 6 Klemme 30i
- 7 Geschaltetes Plus (Klemme 15)
- 8 Masse (Klemme 31)

Kammer

(B)

- 1 nicht belegt
- 2 nicht belegt
- 3 Lautsprecher vorne rechts +
- 4 Lautsprecher vorne rechts -
- 5 Lautsprecher vorne links +
- 6 Lautsprecher vorne links -
- 7 nicht belegt
- 8 nicht belegt

Kammer

(C)

- 1 NF-CDW rechts
- 2 NF-CDW links
- 3 NF-CDW Masse
- 4 CDW 12V
- 5 CDW Steuerung
- 6 CDW Masse
- 7 CDW BUS

Antennenbuchse

(D)

Sicherung

(E)

Connection instructions

Connection

(A)

- 1 Chassis connection pyrometer probe
- 2 Pyrometer probe
- 3 Muting during car telephone calls
- 4 Permanent plus (terminal 30)
- 5 Control output for automatic antenna (+24V)
- 6 Terminal 30i
- 7 Switched plus (terminal 15)
- 8 Chassis (terminal 31)

Connection

(B)

- 1 not seized
- 2 not seized
- 3 Loudspeaker front right +
- 4 Loudspeaker front right -
- 5 Loudspeaker front left +
- 6 Loudspeaker front left -
- 7 not seized
- 8 not seized

Connection

(C)

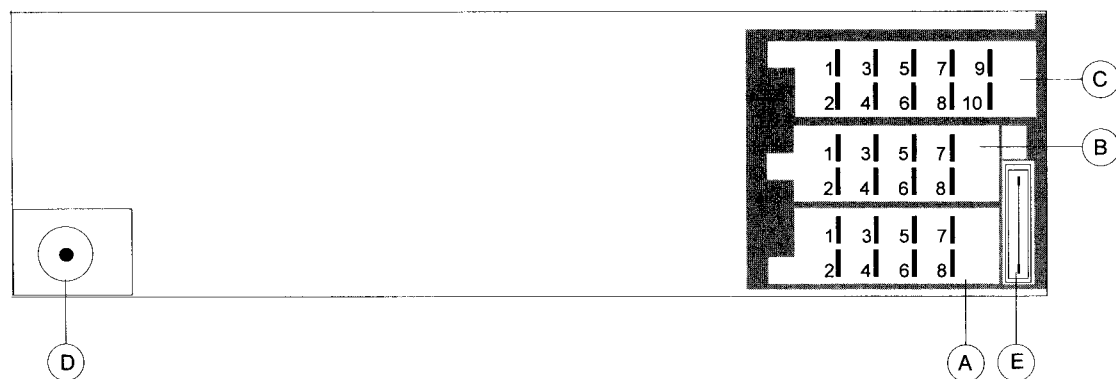
- 1 CD-AF right
- 2 CD-AF left
- 3 CD-AF Ground
- 4 12V CD
- 5 CD -Control
- 6 CD Ground
- 7 CD BUS

Antenna socket

(D)

Fuse

(E)



Abgleichanweisung

Der Abgleich wird in einer getrennten Abgleichanweisung beschrieben und kann unter der Bezeichnung "Abgleichanweisung 1150-253 und 1350-254" (gültig für alle MB Gerätetypen Modelljahr 94) über unseren Zentralkundendienst bezogen werden.

Alignment instructions

The alignment is described in the separate alignment instructions, that can be ordered under "Alignment instructions 1150-253 and 1350-254" (valid for all Mercedes Benz car radios model year 94) in our Central Service Department.

Kurzbezeichnungen

AMABS	AM-AB Stimmung
AMANT	AM-ANT enne
AMFST	AM-FeldST ärke zur Steuerung
AMFES	AM-FeldST ärke vom Tuner
AMMAS	AM MAS se
AMKWS	AM KW Spulensatz
AMLWS	AM LW Spulensatz
AMMWS	AM MW Spulensatz
AMSTO	AM-STO p vom Tuner
AUTOM	12V Steuerausgang AUTO Matikantenne
AMOSZ	AM OSZ illator
ANDET	AN oden DET ektor - Cassettenteil
AUTAN	Steuerleitung AUTO matik AN tenne
BELLE	BE leutung E in
BFPWM	BE leuchtung FR ont PWM
CAMOT	CAS setten MOT or
CASDO	CAS sette DO wn
CASIN	CAS sette IN =Einzug
CDCCL	CD-Clock =CDCLK
CDCLK	CD-CL ock
CDCRE	CDCRE = CD-RESet
CDDAT	CD-DAT en (bidirektional)
CDONQ	CDW - ON . Q =LOW-aktiv
CDOUT	serielle Daten CDW-OUT
CDRES	CD-RE Set
CDWIN	serielle Daten CDW-IN
CDWON	CD-WechslerON .
CLOK1	CLO ck für Datenbus 1
CLOK2	CLO ck für Datenbus 2
CLOKS	CLO ck S
CLOKS	CLO ck Steuerung
CODE1	CODE1 = Anschluß zur Codierung
DATA1	DAT enbus 1
DATA2	DAT enbus 2
DATAF	serielle DAT en- FR ont
DATAS	serielle DAT en ST euerung
DURKE	DUR chsage KE nnung VF
ENDMU	END stufen- MU te
EJECT	CC-Ausschub
ESDMA	ESD-MAS se
FMABS	FMAB stimmspannung
FM1AN	FM Empfänger 1 AN tennensignal
FM2AN	FM Empfänger 2 AN tennensignal
FMMAS	FM MAS se
FM1FS	FM Empf. 1, FeldST ärke
FM2FS	FM Empf. 2, FeldST ärke
FM1HR	FM Empfänger 1 HF -Regelung
FM1MP	FM Empf. 1, MultiPath -Signal
FM1QA	FM Qualitätssign. A uswertung
FM1QU	FM Empf. 1, QU alitäts-Signal
FM2QU	FM Empf. 2, QU alitäts-Signal
FMSUL	FM SU ch LA uf
FMOSZ	FM OSZ illatorfrequenz
FRCLK	FR ont- CL ock
FRENA	FR ont- EN able
FRGND	FR ont GrouND (Masse)
FRINT	FR ont IN terrupt
FRINQ	FR ont IN terrupt Q =Low aktiv
FRONQ	FRON t Q =Low aktiv
GALEN	GAL - EN tkoppelt
IRINT	InfR arot IN terrupt
KL75Q	KL75 (Zündung), Q =LOW-aktiv
LOUDQ	LOUD ness Q =Low aktiv
METAL	Umschaltung CC-Entzerrung
MOTFW	Motordrehrichtung
MONOQ	Gleichkanaldetektor aktiv = MONOQ
MPXMU	MPX -Signal MU te
MPXUM	MPX -Signal UM schaltung Empf. 1/2
MPXIN	MPX IN put Stereodecoder
MPX1	MPX Signal
MPX2	MPX Signal, FM-Empfänger 2
MPX57	MPX -Signal, 57=RDS/VF
MSDET	MSDET = Pausenerkennung
NC	Not Connected (nicht belegt)
NFCCL	NF-CC -Links
NFCCR	NF-CC -Rechts
NFCDL	NF-CD -Links

Abbreviations

AM Tuning
AM Antenna
AM Field-Strength to control
AM Field-Strength to from tuner
AM Ground
AM SW coil set
AM LW coil set
AM coil set
AM stop from tuner
12V control output automatic antenna
AM oscillator
Anode detector tape deck
Control line automatic antenna
Illumination ON
Illumination Front PWM
Cassette motor
CASsette DOWN
Cassette retraction
CD-clock
CD-clock
CD reset
CD-Data (bidirectional)
CD on low activ
serial Data CD-OUT
CD reset
serial Data CD-IN
CD on
Clock for Databus 1
Clock for Databus 2
Clock-S
ClocK Control
Connector for Coding
Data bus 1
Data bus 2
serial Data Front
serial Data Control
traffic announcement (VF)
Amplifier Mute
CC-ejection
EDS-ground
FM tuning voltage
FM receiver 1 antenna signal
FM receiver 2 antenna signal
FM-ground
FM receiver 1, Field-Strength
FM receiver 2, Field-Strength
FM receiver RF-control
FM receiver 1, Multipath
FM Quality Signal evaluation
FM receiver 1, Quality-Signal
FM receiver 2, Quality-Signal
FM-Seek
FM-Oscillator frequency
FRont-CLock
FRont-ENable
FRont GrouND
FRont INterrupt
Front interrupt Q=low activ
Front Q=low activ
GAL- decoupled
Infrared interrupt
CL75 (ignition), Q=LOW-active
Loudness Q=low active
Switching CC equalization
Motordirection of rotation
Common channel detector active=MONOQ
MPX-Signal MUte
MPX-Signal switching
MPX input stereodecoder
MPX-Signal
MPX-Signal FM-receiver
MPX-Signal, 57=RDS/TP
Pause detection
not connected
AF tape left
AF tape right
AF-CD left

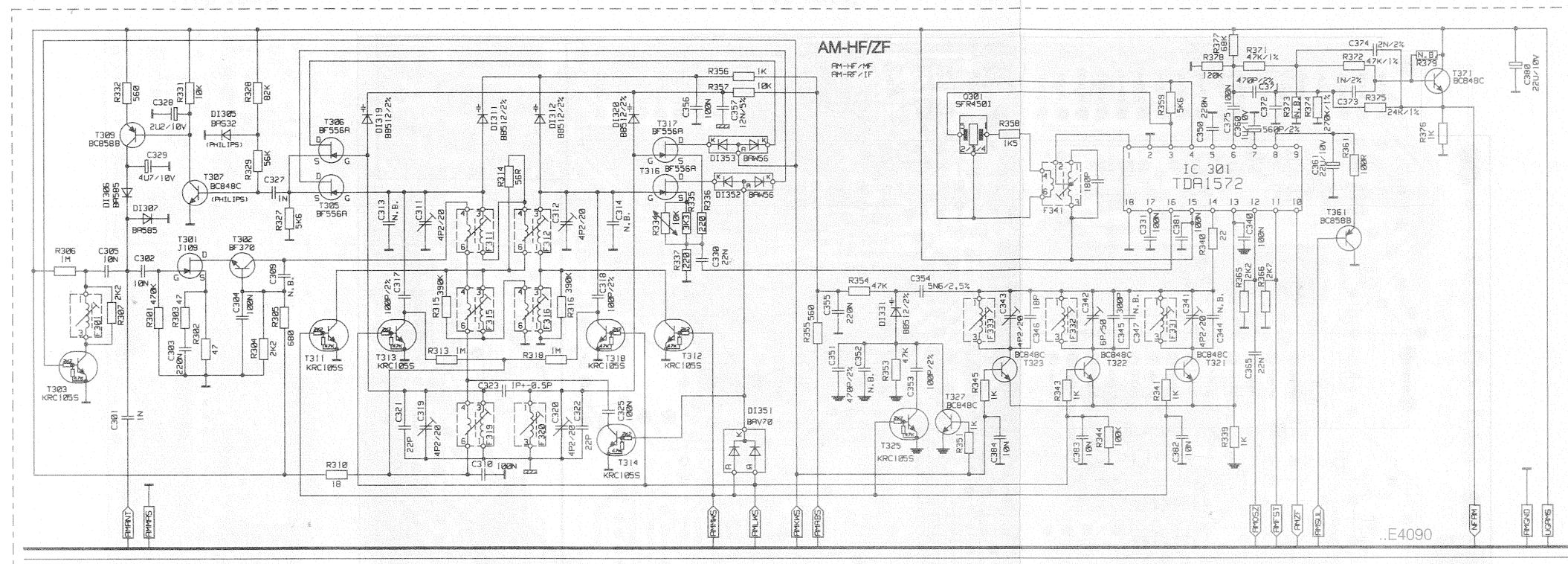
Kurzbezeichnungen

NFCDM	NF-CDW Masse
NFCDR	NF-CD-Rechts
NFFRL	NF-FRont-Links
NFFRR	NF-FRont-Rechts
NFHEL	NF-HEck-Links
NFHER	NF-HEck-Rechts
NFMAS	NF-MASse
NFMFL	NF FM Links, NF-Controller
NFMFR	NF FM Rechts, NF-Controller
NFFMR	NF FM -Empfänger, Rechts
NFFML	NF FM -Empfänger, Links
NFWB	NF-Wetter Band zum Impedanzwandler
NFIWB	NF -Impedanzwandler Wetter Band
PLAY	Ansteuerung Tonandruckrolle
RDGND	RDS -Masse
RDSCL	RDS-CL ock
RSDSA	RDS-DA ten
RESEQ	RESE t, Q=LOW-aktiv
RESFQ	RESE t-Front, Q=LOW-aktiv
RUNDE	Signal zur Bandlaufüberwachung
RUNDQ	Signal zur Bandlaufüberwachung Q=Low aktiv
RWQFW	Spurumschaltung
SBELG	Steuerung BE leuchtung Grün
SBELR	Steuerung BE leuchtung Rot
SENDQ	CD-Daten SEN den Q=Low aktiv
SERC2	SER viCe2 = Anschluß zur Codierung / Service
SERC3	SER viCe3 = Anschluß zur Codierung / Service
SLAUF	CD-Umschaltung Schnel LAUF /Playmode
SPUEB	SP annungs UE berwachung Batterie
SPUES	SP annungs UE berwachung zur Steuerung
SRENQ	Steue Rung EN able Q=LOW-aktiv
STERO	STER eO-Empfang
STMPC	ST euerung MPC - ein/aus
STPEN	SToP ENable AM-Suchlauf
STOPQ	Suchlauf- STOP , Q=LOW-aktiv
STRAQ	ST euerung Radio An , Q=LOW-aktiv
STROB	STROB e-Input
STO1Q	STOp FM-Empfänger 1 Q=Low aktiv
TELMU	TE lefon- MU te
TEMPW	TEM peratur-Über W achung
UBELF	U =Spg.- BE leuchtung-Front
UDBAS	U -Dauer, BA tt Klemme 30 mit Load-Dump-Schutz
UDBAT	U =Spg. Dauer BAT terie
UDCAS	U =Spg. Dauer CAS sette
UDRAM	U =Spg. Dauer RAM
UG5V	U =Spannung G eschaltet 5V olt
UG8V5	U =Spannung G eschaltet 8,5V
UG8VF	U =Spannung G eschaltet 8,5V Front
UGAM	U =Spannung G eschaltet AM
UGAMS	U =Spannung G eschaltet AM Stabil
UGFMS	U =Spannung G eschaltet FM Stabil
UGCAS	U =Spannung G eschaltet CAS sette
UGFM	U =Spannung G eschaltet FM
UGSYM	U =Spannung G eschaltet SY nthesizer
UPGND	µP GrouND (Masse)
UGWB	U =Spannung G eschaltet Wetter Band
OFAST	Verstärkung CC-Entzerrerverstärker
WBANT	Wetter Band-Empf., ANT .signal
WBABS	Wetter Band-Empf. AB stimmspannung
WBOSZ	Wetter Band-Empf. OS zillatorfrequenz
WBSTP	Wetter Band-Empf. Suchlauf STOp
ZFADI	ZF -Ausgang Antennen D iversity

Abbreviations

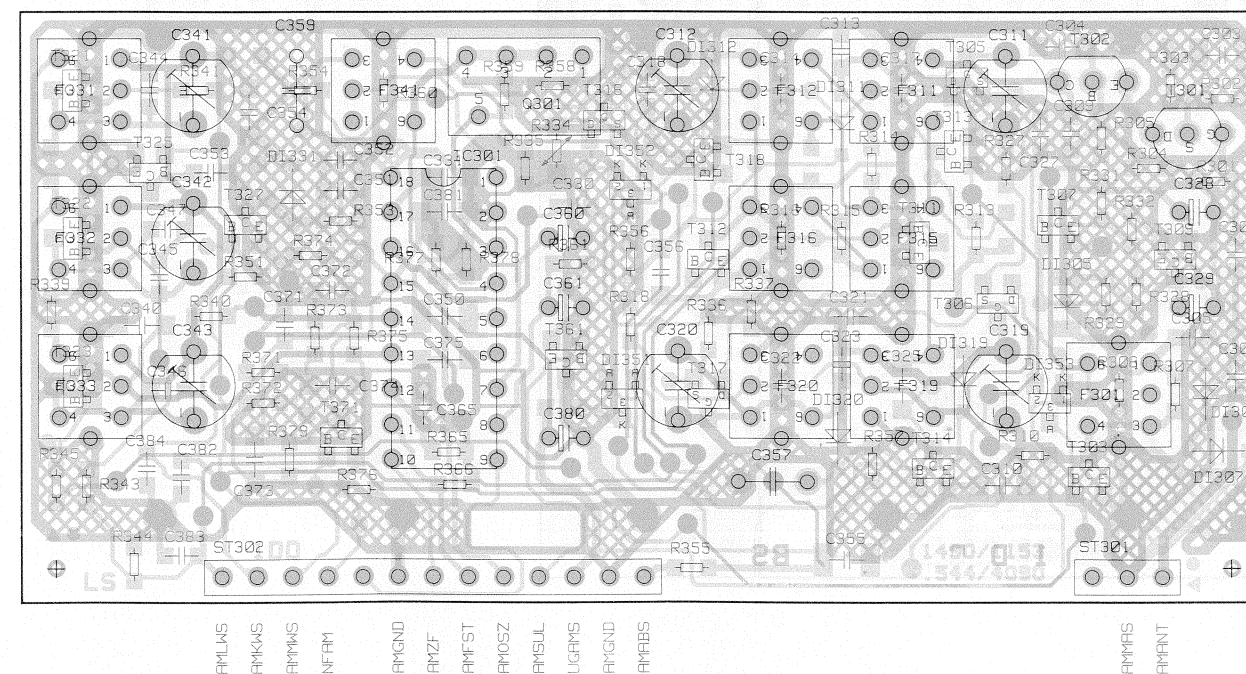
AF-CD-ground
AF-CD-Right
AF-Front-Left
AF-Front-Right
AF-Rear-Left
AF-Rear-Right
AF-ground
AF FM left, AF-Controller
AF FM right, AF-Controller
AF FM receiver right
AF FM receiver left
AF-Weather band to impedance converter
AF-impedance converter
Control pinch roller
RDS-ground
RDS-Clock
RDS-Data
Reset, Q=LOW-active
Reset-Front, Q=LOW-active
tape monitoring
tape monitoring Q=low active
track switching
Control illumination green
Control illumination red
CD-Data transmitting Q=low active
Connector for Coding/Service
Connector for Coding/Service
CD switching, Searching/Playmode
Voltage monitoring Battery
Voltage monitoring Control
Enable Q=LOW-active
STEReO-reception
Control MPC-on/off
Control AM-seek
Seek-STOP, Q=LOW-active
Control Radio on, Q=LOW-active
STROBe-Input
Stop FM receiver 1 Q=low active
Telephone-Mute
TEMPerature-monitoring
U=voltage-illumination-Front
12 V Batt CL 30 with Load-Dump protection
Permanent voltage Battery
Permanent voltage Tape
Permanent voltage RAM
5 Volt switched
8,5 Volt switched
8,5 Volt switched Front
Switched voltage AM
Switched voltage AM stabilized
Switched voltage FM stabilized
Switched voltage Tape
Switched voltage FM
Switched voltage Synthesizer
µP Ground
Switched voltage weather band
Gain CC equalizer amplifier
Weather band receiver antenna signal
Weather band receiver tuning voltage
Weather band receiver oscillator frequency
Weather band receiver Seek-Stop
IF-output Antenna diversity

2

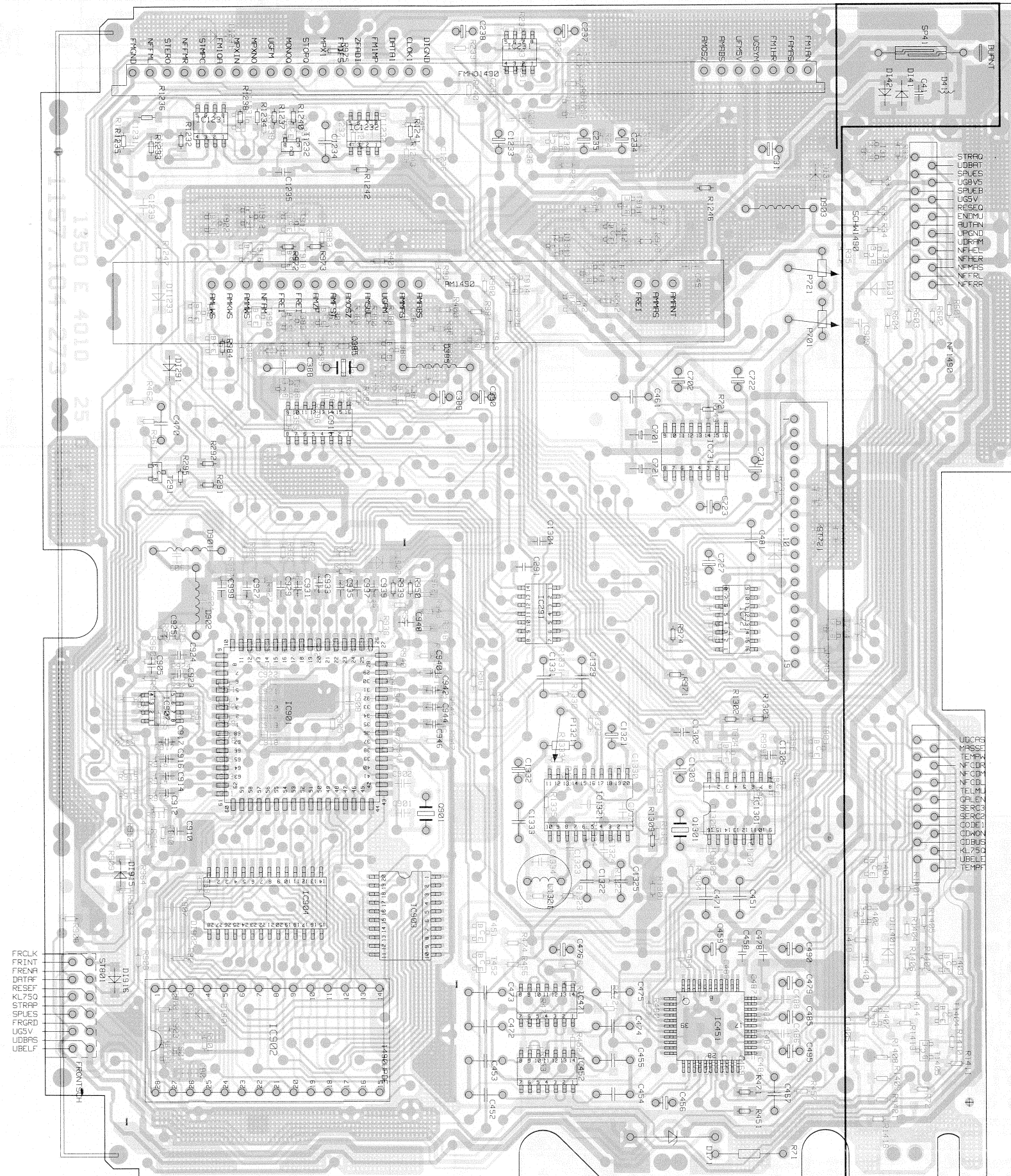


2

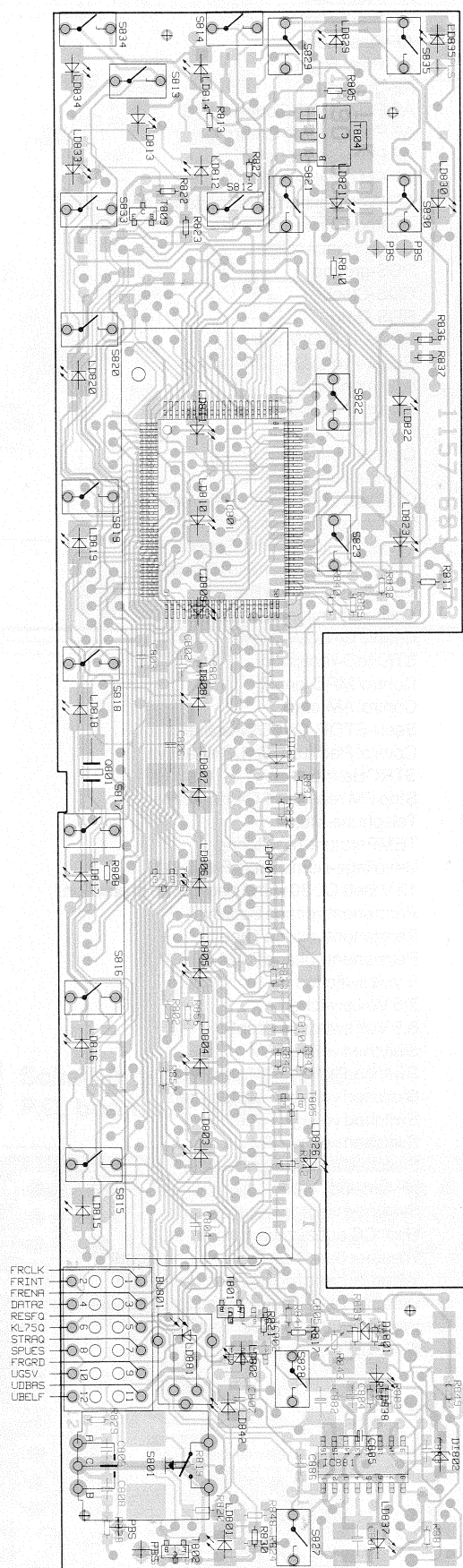
Schaltungsplatte .. E 4090
P.C. board .. E 4090



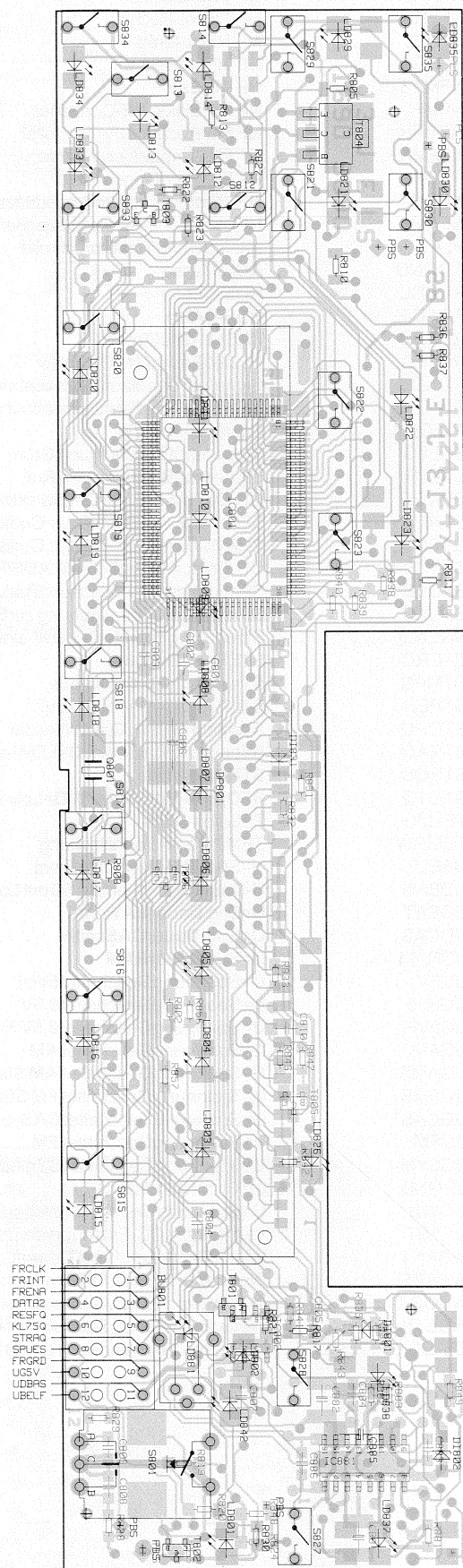
5 Schaltungsplatte .. E 4010
P.C. board .. E 4010

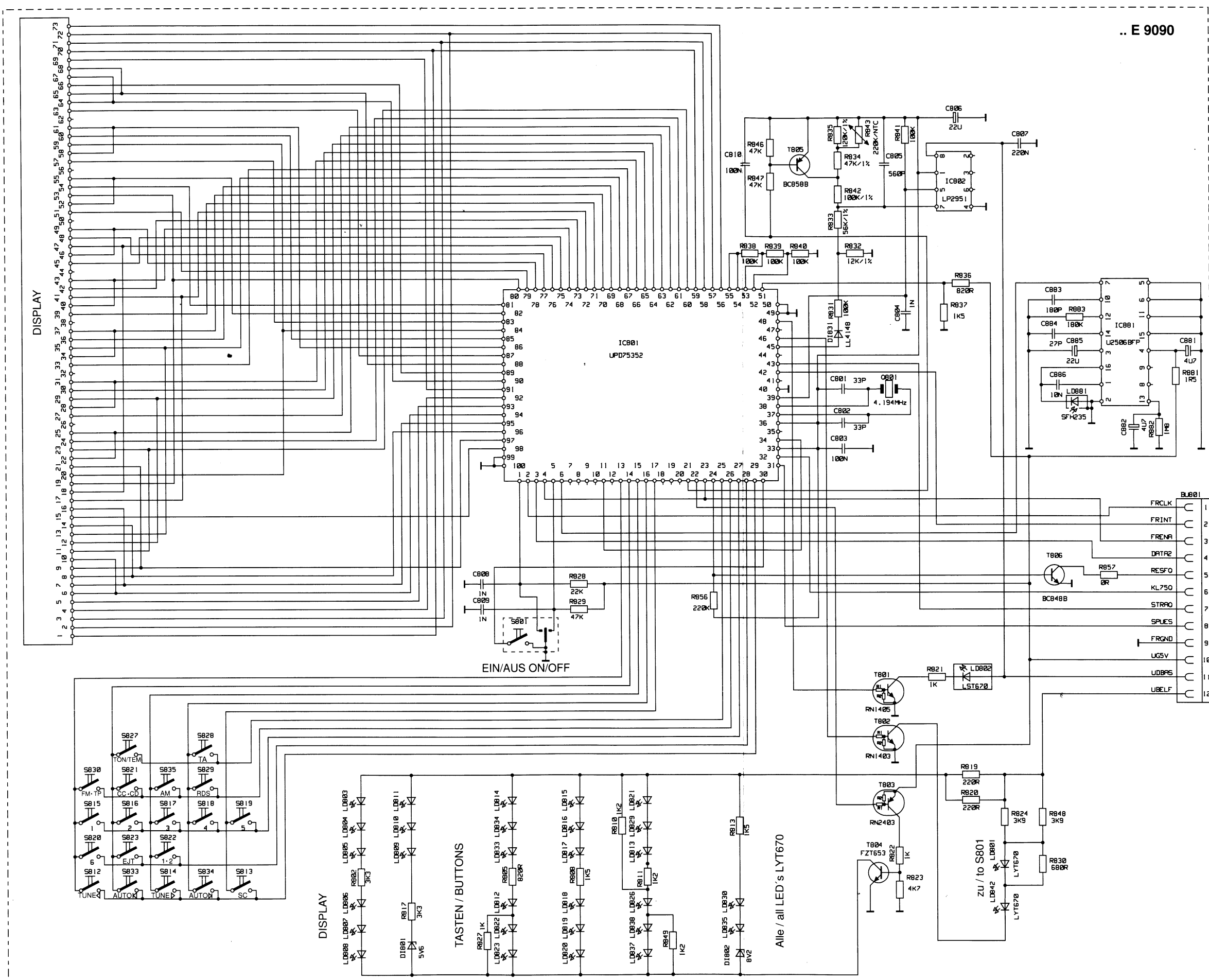


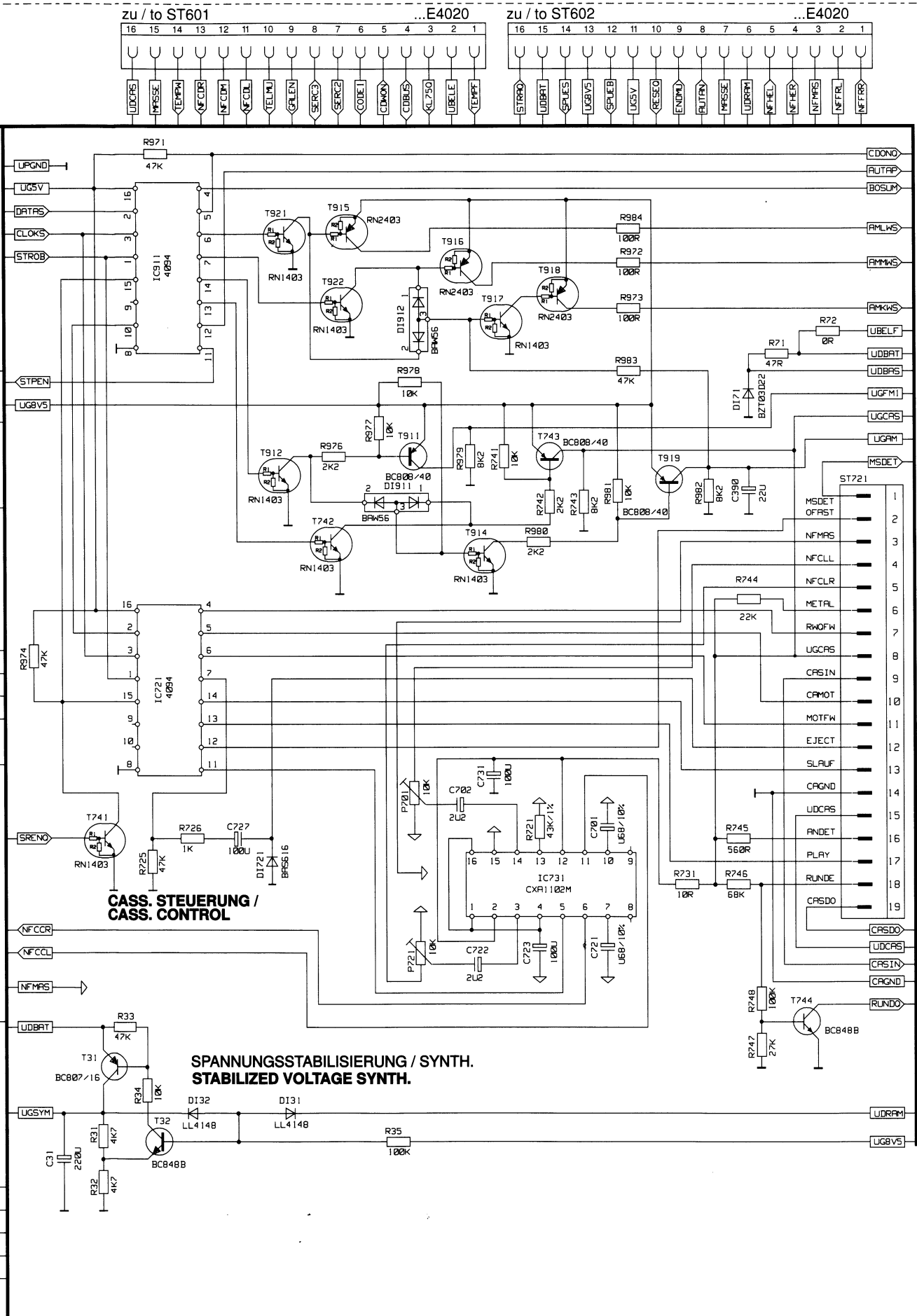
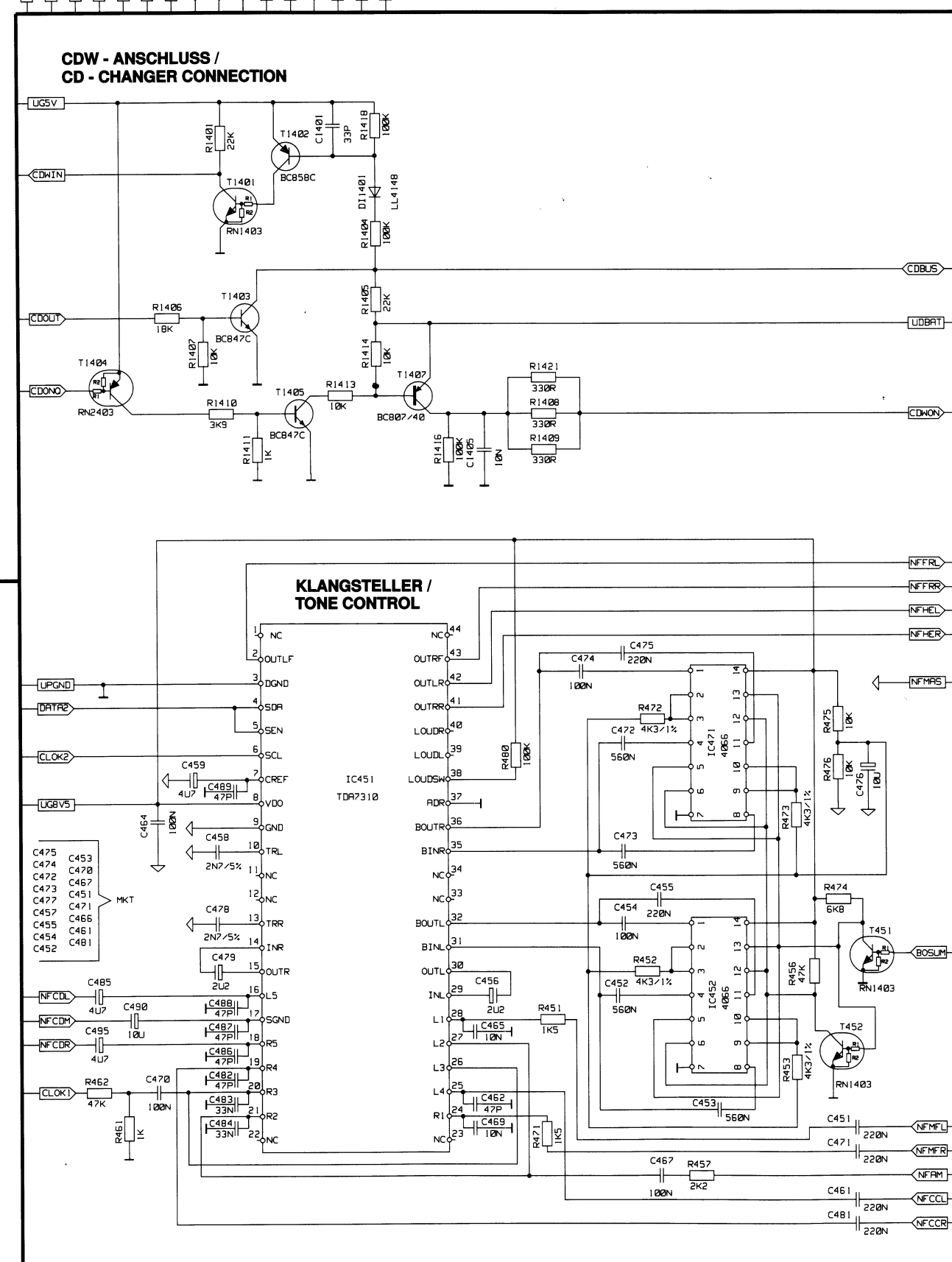
1 Schaltungsplatte Front .. E 9090
P.C. board front .. E 9090
(Typ 1388)

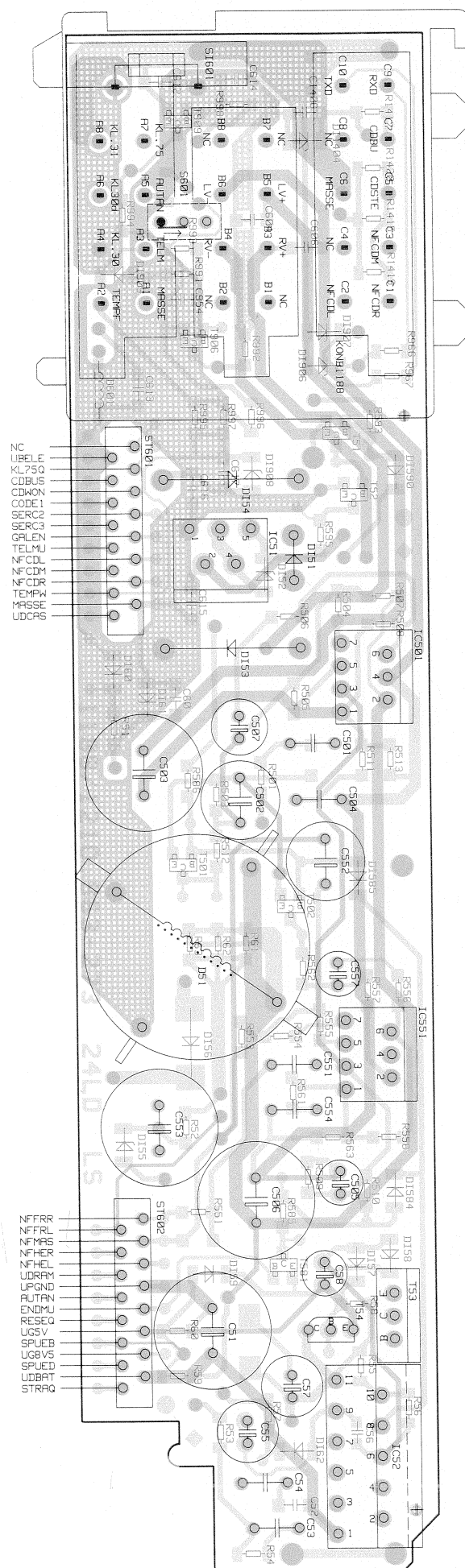


1 Schaltungsplatte Front .. E 9090
P.C. board front .. E 9090
(Typ 1689)

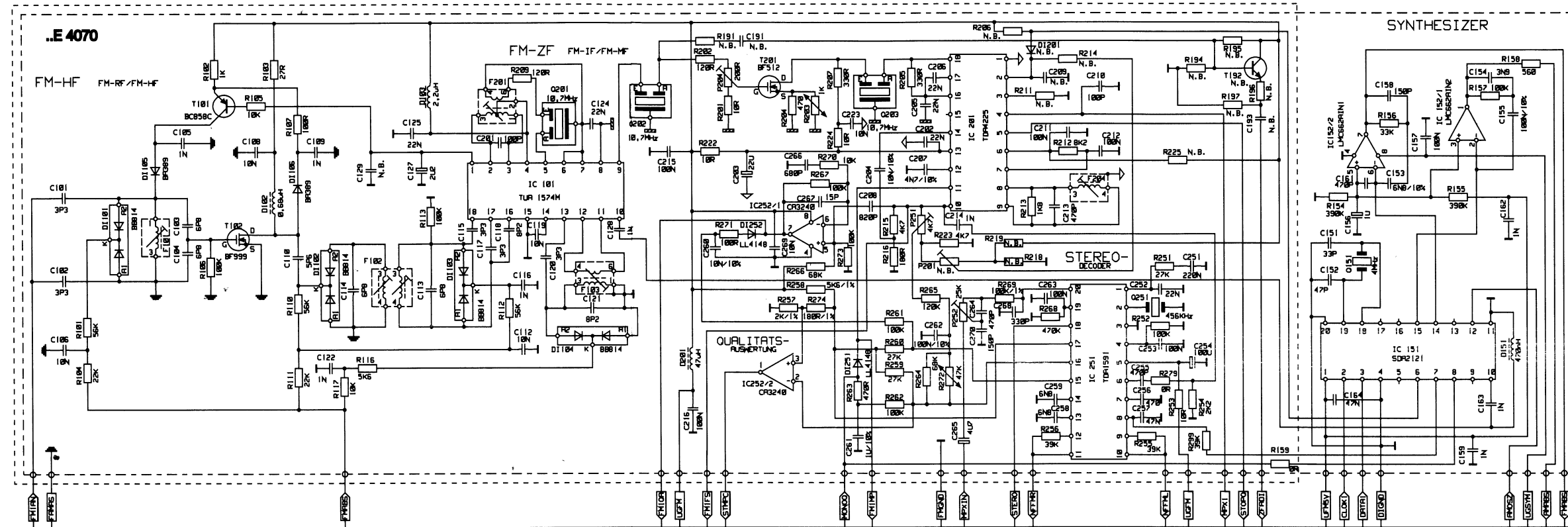




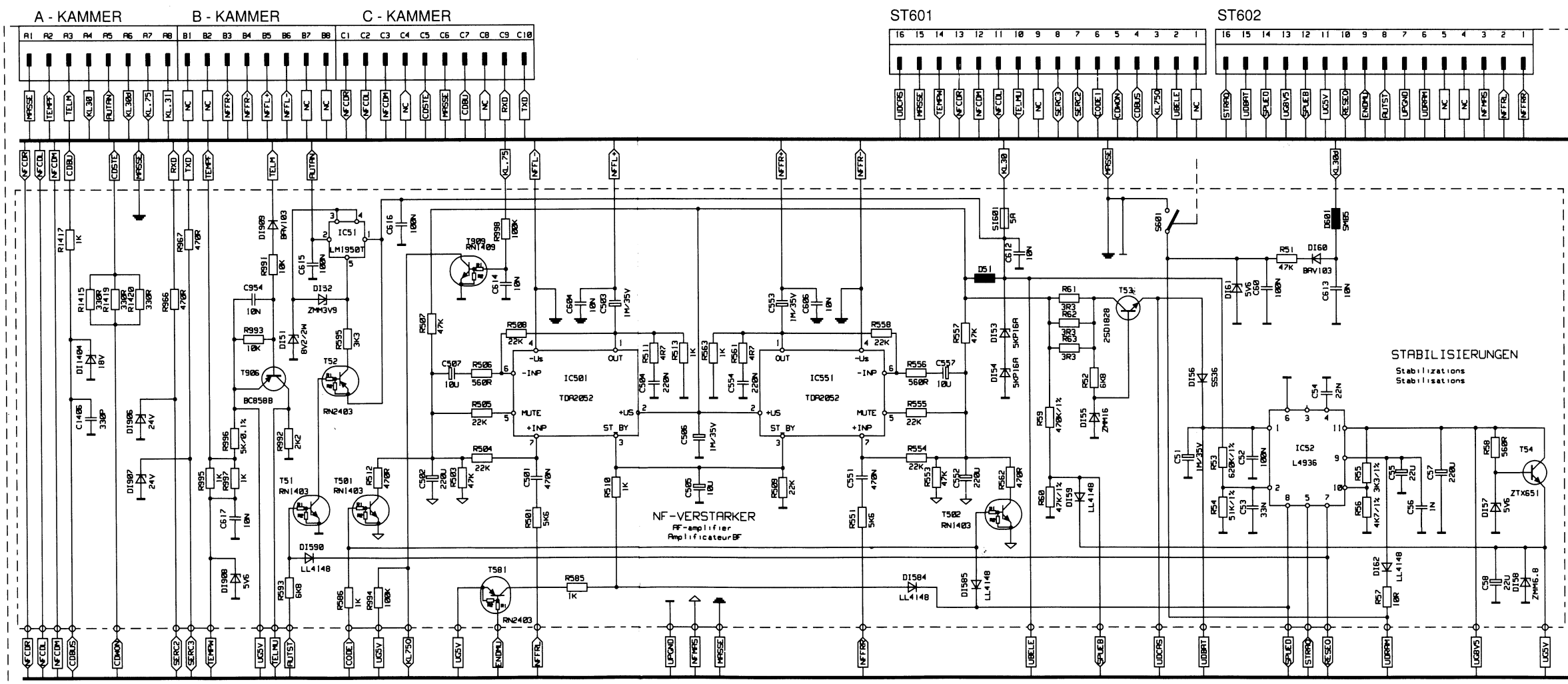




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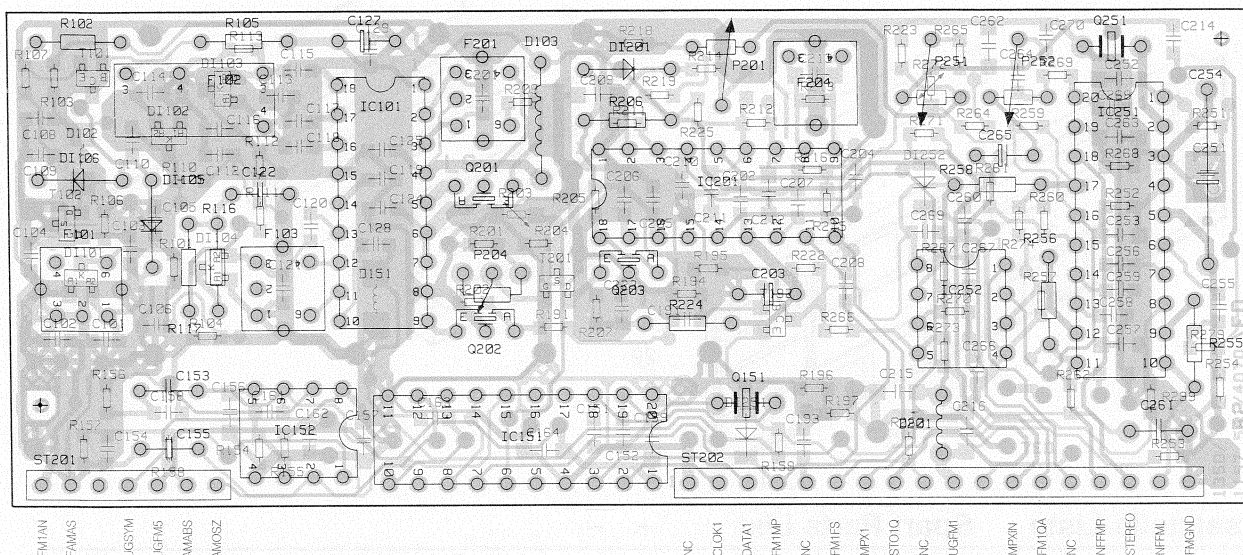


4



3

Schaltungsplatte .. E 4070 P.C. board .. E 4070



Nachfolgende Bauteile wurden im Laufe der Serie geändert:

C 261 von 1U in 6U8

R 261 von 100K in 330K

R 263 von 470R in 47R

R 274 von 180R in 330R

Änderung in Serie bei Gerätetyp 1388 ab Gerätenummer S 1015001
(siehe auch Serviceinformation 4/95)

Following components are changed during production:

C 261 from 1U to 6U8

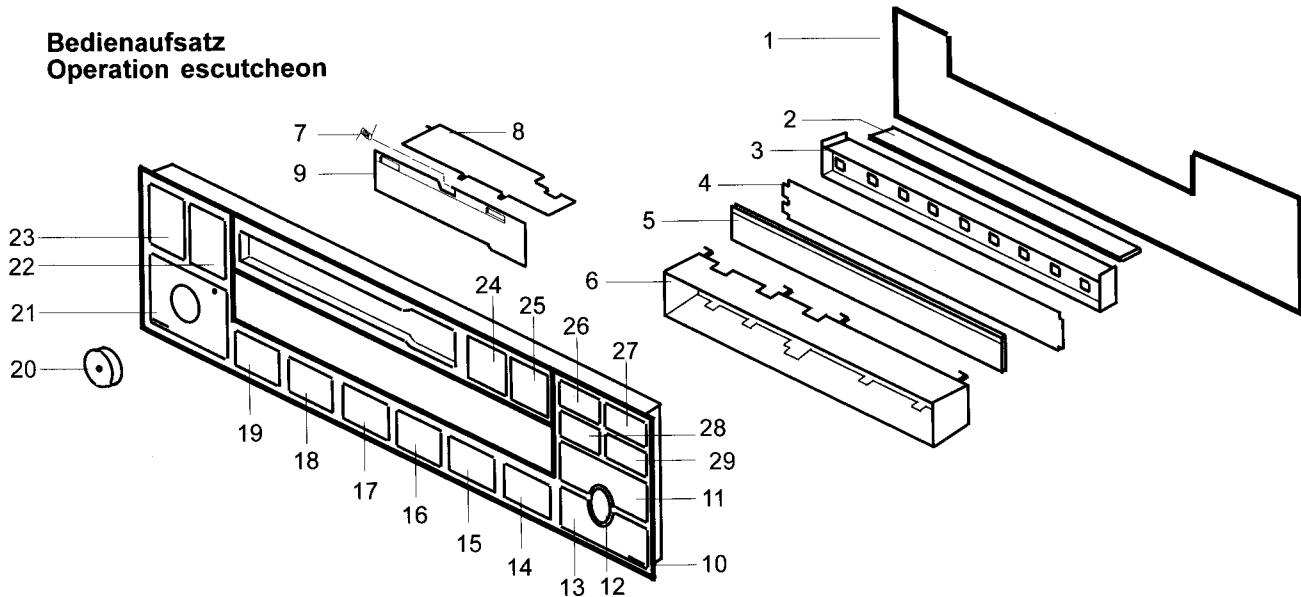
R 261 from 100K to 330K

R 263 from 470R to 47R

R 274 from 180R to 330R

Modification was implemented from the serial number S 1015001
(look also to service information 4/95)

**Bedienaufsatz
Operation escutcheon**



Ersatzteile-Liste Spart Parts List

Lfd.Nr Item.No.	Benennung	Denomination	Pos.i.Zeichnung Diagram pos.	Best.-Nr. Part.No.
	Bedienaufsatz kpl. (Typ 1388)	Operation escutcheon cpl. (1388)		1188.844-257
	Bedienaufsatz kpl. (Typ 1689)	Operation escutcheon cpl. (1689)		1235.133-257
1	Schaltungsplatte kpl. (Typ 1388)	Wiring board cpl. (type 1388)	1	1187.678-373
1	Schaltungsplatte kpl. (Typ 1689)	Wiring board cpl. (type 1689)	1	1235.176-373
2	Kontaktleiste	Contact ledge	2	1163.205-278
3	Reflektor	Reflector	3	1157.930-254
4	Streufoleie	Reflector foil	4	1163.213-254
5	LCD (Typ 1388)	LCD (type 1388)	5	1166.298-304
5	LCD (Typ 1689)	LCD (type 1689)	5	1223.461-304
6	Rahmen	Frame	6	1157.892-288
7	Feder	Spring	7	1225.049-245
8	Lichtleiter	Light conductor	8	1157.884-254
9	Verschlussklappe	Closing flap	9	1212.303-256
10	Zierblende kpl. (Typ 1388)	Trim plate cpl. (type 1388)	10	1188.852-256
10	Zierblende kpl. (Typ 1689)	Trim plate cpl. (type 1689)	10	1235.168-256
	bestehend aus:	consisting of:		
11	Taste TUNE (Typ 1388)	Button TUNE (type 1388)	11	1217.925-251
11	Taste TUNE (Typ 1689)	Button TUNE (type 1689)	11	1239.538-251
12	Taste SC (Typ 1388)	Button SC (type 1388)	12	1217.933-251
12	Taste SC (Typ 1689)	Button SC (type 1689)	12	1239.546-251
13	Taste AUTO (Typ 1388)	Button AUTO (type 1388)	13	1217.941-251
13	Taste AUTO (Typ 1689)	Button AUTO (type 1689)	13	1239.554-251
14	Taste 6 (Typ 1388)	Button 6 (type 1388)	14	1217.968-251
14	Taste 6 (Typ 1689)	Button 6 (type 1689)	14	1239.252-251
15	Taste 5 (Typ 1388)	Button 5 (type 1388)	15	1217.976-251
15	Taste 5 (Typ 1689)	Button 5 (type 1689)	15	1239.244-251
16	Taste 4 (Typ 1388)	Button 4 (type 1388)	16	1217.984-251
16	Taste 4 (Typ 1689)	Button 4 (type 1689)	16	1239.236-251
17	Taste 3 (Typ 1388)	Button 3 (type 1388)	17	1217.992-251
17	Taste 3 (Typ 1689)	Button 3 (type 1689)	17	1239.228-251
18	Taste 2 (Typ 1388)	Button 2 (type 1388)	18	1218.018-251
18	Taste 2 (Typ 1689)	Button 2 (type 1689)	18	1239.201-251
19	Taste 1 (Typ 1388)	Button 1 (type 1388)	19	1218.026-251
19	Taste 1 (Typ 1689)	Button 1 (type 1689)	19	1239.181-251
20	Drehknopf	Turning knob	20	1218.131-250
21	Tastenplatte ON (Typ 1388)	Key ON (type 1388)	21	1217.712-251
21	Tastenplatte ON (Typ 1689)	Key ON (type 1689)	21	1239.562-251
22	Taste Stummschaltung (Typ 1388)	Mute switch (type 1388)	22	1218.123-251
22	Taste Stummschaltung (Typ 1689)	Mute switch (type 1689)	22	1239.351-251
23	Klang-Temperaturtaste (Typ 1388)	Tone-temperature button (type 1388)	23	1242.393-251
23	Klang-Temperaturtaste (Typ 1689)	Tone-temperature button (type 1689)	23	1239.333-251
24	Taste Auswurf (Typ 1388)	Eject button (type 1388)	24	1217.798-251
24	Taste Auswurf (Typ 1689)	Eject button (type 1689)	24	1239.392-251
25	Taste Spurumschaltung (Typ 1388)	Track switch-over button (type 1388)	25	1217.811-251
25	Taste Spurumschaltung (Typ 1689)	Track switch-over button (type 1689)	25	1239.422-251
26	Taste FM TP (Typ 1388)	Button FM TP (type 1388)	26	1217.836-251
26	Taste FM TP (Typ 1689)	Button FM TP (type 1689)	26	1239.457-251
27	Taste AM (Typ 1388)	Button AM (type 1388)	27	1217.860-251
27	Taste AM (Typ 1689)	Button AM (type 1689)	27	1239.481-251
28	Taste CC CD (Typ 1388)	Button CC CD (type 1388)	28	1217.887-251
28	Taste CC CD (Typ 1689)	Button CC CD (type 1689)	28	1239.511-251
29	Taste RDS (Typ 1388)	Button RDS (type 1388)	29	1217.909-251
29	Taste RDS (Typ 1689)	Button RDS (type 1689)	29	1239.279-251

Ersatzteile-Liste Spart Parts List

Lfd.Nr. Item.No.	Benennung	Denomination	Pos.i.Schaltbild Diagram pos.	Artikel-Nr. Article No.	Best.-Nr. Part.No.
	Schaltungsplatte kpl. (Typ 1388)	P.C.board cpl. (type 1388)	1	.. E 9090	1187.678-373
	Schaltungsplatte kpl. (Typ 1689)	P.C.board cpl. (type 1689)		.. E 9090	1235.176-373
	bestehend aus:	consisting of:			
1	Halter Infrarotempfänger	Holder infrared receiver			1172.700-267
2	Abschirmhaube Infrarot- empfänger	Protective cover infrared receiver			1172.697-283
3	Fotodiode	Photo diode			1173.154-304
4	Buchsenleiste 12pol.	Multipoint connector 12 poles			1169.025-277
5	Inkrementgeber	Increment pick-up			1155.466-385
6	Schalter (Typ 1388)	Switch (type 1388)	S812-823 827-830, 833-835		1158.491-278
7	Schalter (Typ 1689)	Switch (type 1689)	S812, 814, 833, 834		1158.491-278
8	Schalter (Typ 1689)	Switch (type 1689)	S813, 815-823 827-830, 835		1230.239-278
9	LED	LED	LD801, 803-823, 826, 829, 830, 833, 834, 835, 837, 838, 842		1158.074-304
10	LED (rot)	LED (red)	LD802		1158.767-304
11	Keramikresonator	Ceramic resonator	Q801		1171.501-345
12	IC	IC	IC801	NEC UPD75352A	1225.278-308
13	IC	IC	IC802	NSC LP2951CM	0676.144-308
14	IC	IC	IC881	TEL U2506BFP	0639.400-308
15	Diode	Diode	DI801	BAW 5,6	0672.483-301
16	Diode	Diode	DI802	BAW 8V2	0672.459-301
17	Diode	Diode	DI831	BAW LL4148	0659.592-301
18	Transistor	Transistor	T801	BAW KRC105S/ BCR108	1172.662-302
19	Transistor	Transistor	T802	BAW KRC103S/ DTC124EC	1172.646-302
20	Transistor	Transistor	T803	BAW KRA103S/ RN2403	1172.654-302
21	Transistor	Transistor	T804	ZEX FZT653	1148.729-302
22	Transistor	Transistor	T805	BAW BC858B	1224.735-302
23	Transistor	Transistor	T806	BAW BC848B	0659.614-302
24	Kondensator	Capacitor	C801, 802	33P	1066.056-315
25	Kondensator	Capacitor	C803, 810	100N	1113.399-315
26	Kondensator	Capacitor	C804, 808, 809	1N	1119.060-315
27	Kondensator	Capacitor	C805	560P	1156.561-315
28	Elko	Elco	C806	22U	0683.809-313
29	Kondensator	Capacitor	C807	220N	1119.745-315
30	Kondensator	Capacitor	C881, 882	4U7	1028.715-313
31	Kondensator	Capacitor	C883	180P	1066.080-315
32	Kondensator	Capacitor	C884	27P	1066.048-315
33	Kondensator	Capacitor	C885	22U	0683.809-313
34	Kondensator	Capacitor	C886	10N	1119.117-315
35	Widerstand	Resistor	R802, 817	3K3	1109.146-323
36	Widerstand	Resistor	R805	820R	1109.022-323
37	Widerstand	Resistor	R808, 813	1K5	1109.081-323
38	Widerstand	Resistor	R810, 824, 848	3K9	1109.162-323
39	Widerstand	Resistor	R811	1K2	1109.065-323
40	Widerstand	Resistor	R819, 820	220R	1108.913-323
41	Widerstand	Resistor	R821, 822, 827	1K	1159.291-323
42	Widerstand	Resistor	R823	4K7	1159.380-323
43	Widerstand	Resistor	R828	22K	1159.501-323
44	Widerstand	Resistor	R829, 846, 847	47K	1159.577-323
45	Widerstand	Resistor	R830	680R	1159.283-323
46	Widerstand	Resistor	R831, 838, 839, 840, 841	100K	1159.631-323
47	Widerstand	Resistor	R832	12K	1159.445-323
48	Widerstand	Resistor	R833	56K	1173.091-323
49	Widerstand	Resistor	R834	47K	1159.569-323
50	Widerstand	Resistor	R835	120K	1173.103-323
51	Widerstand	Resistor	R836	820R	1163.299-323
52	Widerstand	Resistor	R837	1K5	1159.313-323
53	Widerstand	Resistor	R842	100K	1159.623-323
54	Widerstand	Resistor	R843	220K	1155.067-325
55	Widerstand	Resistor	R849	1K2	1159.305-323
56	Widerstand	Resistor	R856	220K	1159.682-325
57	Widerstand	Resistor	R857	0R	1018.302-323
58	Widerstand	Resistor	R881	1R5	1163.264-323
59	Widerstand	Resistor	R882	1M8	1166.506-323
60	Widerstand	Resistor	R883	180K	1159.674-323

Ersatzteile-Liste Spart Parts List

Lfd.Nr Item.No.	Benennung	Denomination	Pos.i.Schaltbild Diagram pos.	Artikel-Nr. Article No.	Best.-Nr. Part.No.
	Schaltungsplatte	P.C. board	4	.. E 4020	1210.955-373
	bestehend aus:	consisting of:			
1	Konnektor	Connector			1157.868 -277
2	Steckerleiste	Multipoint connector	ST601,602		1158.724 -277
3	Schalter	Switch	S601		1166.476 -278
4	Sicherung	Fuse	SI601	T 5A	1073.206-392
5	IC	IC	IC51	NSC LM1950T	1167.286-308
6	IC	IC	IC52	STG L4936N	1236.611.308
7	IC	IC	IC501,551	SGT TDA2052	1180.304-308
8	Drossel	Choke	D51		1185.632-334
9	Drossel	Choke	D601		1156.111-347
10	Diode	Diode	DI51	MOT 1N5344	0373.087-301
11	Diode	Diode	DI52	BAW 3V9	1148.834-301
12	Diode	Diode	DI53,54	GIC 5KP16A	1074.717-301
13	Diode	Diode	DI55	BAW 16	1042.084-301
14	Diode	Diode	DI56	GIC SS36	1213.989-301
15	Diode	Diode	DI57,61,908	BAW 5V6 2%	1076.353-301
16	Diode	Diode	DI58	BAW 6V8 5%	1118.757-301
17	Diode	Diode	DI59,584,585,590	BAW LL4148	0659.592-301
18	Diode	Diode	DI60,909	BAW BAV103	1123.866-301
19	Diode	Diode	DI62	SGT TMM BAT48	1212.141-301
20	Diode	Diode	DI906,907	BAW 24	1076.361-301
21	Diode	Diode	DI1404	BAW 18	1123.874-301
22	Transistor	Transistor	T51,501,502	BAW KRC103S	1172.646-302
23	Transistor	Transistor	T52,581	BAW KRA103S	1172.654-302
24	Transistor	Transistor	T54	ZEX ZTX651S	1050.761-302
25	Transistor	Transistor	T906	BAW BC858B	1224.735-302
26	Transistor	Transistor	T909	BAW KRC109S	1172.921-302
27	Elko	Elco	C51,503,506,553	1M	1185.179-312
28	Kondensator	Capacitor	C52,615,616	100N	1113.399-315
29	Kondensator	Capacitor	C53	33N	0393.487-314
30	Kondensator	Capacitor	C54	22N	0392.995-314
31	Elko	Elco	C55	22U	1236.628-312
32	Kondensator	Capacitor	C56	1N	1173.324-315
33	Elko	Elco	C57	220U	1187.813-312
34	Elko	Elco	C58	22U	1172.034-312
35	Kondensator	Capacitor	C60	100N	1119.214-315
36	Kondensator	Capacitor	C501,551	470N	0356.514-314
37	Elko	Elco	C502,552	220U	1168.819-312
38	Kondensator	Capacitor	C504,554	220N	0348.491-314
39	Elko	Elco	C505,507,557	10U	1020.242-312
40	Kondensator	Capacitor	C604,606,612-614, 617,954	10N	1113.321 -315
41	Kondensator	Capacitor	C1406	330P	1083.864 -315
42	Widerstand	Resistor	R51,503,507,553,557	47K	1109.413 -323
43	Widerstand	Resistor	R52,593	6K8	1109.227 -323
44	Widerstand	Resistor	R53	620K	1178.326 -323
45	Widerstand	Resistor	R54	51K	1076.892 -323
46	Widerstand	Resistor	R55	3K3	1007.750-323
47	Widerstand	Resistor	R56	4K7	1007.785 -323
48	Widerstand	Resistor	R57	10R	1108.743 -323
49	Widerstand	Resistor	R58,506,556	560R	1108.980 -323
50	Widerstand	Resistor	R59	470K	1008.137 -323
51	Widerstand	Resistor	R60	47K	1008.021 -323
52	Widerstand	Resistor	R61,62,63	3R3	1108.697 -323
53	Widerstand	Resistor	R501,551	5K6	1109.200 -323
54	Widerstand	Resistor	R504,505,508,509, 554,555,558	22K	1109.340 -323
55	Widerstand	Resistor	R510,513,563,585, 586,995,997,1417	1K	1109.049 -323
56	Widerstand	Resistor	R511,561	4R7	1108.719 -323
57	Widerstand	Resistor	R512,562	470R	1108.972 -323
58	Widerstand	Resistor	R595	3K3	1109.146 -323
59	Widerstand	Resistor	R966,967	470R	1122.800 -323
60	Widerstand	Resistor	R991,993	10K	1109.261 -323
61	Widerstand	Resistor	R992	2K2	1109.111 -323
62	Widerstand	Resistor	R994,998	100K	1109.472 -323
63	Widerstand	Resistor	R996	5K	1188.801 -323
64	Widerstand	Resistor	R1415,1419,1420	330R	1011.030 -323

Ersatzteile-Liste Spart Parts List

Lfd.Nr Item.No.	Benennung	Denomination	Pos.i.Schaltbild Diagram pos.	Artikel-Nr. Article No.	Best.-Nr. Part.No.
	Schaltungsplatte	P.C. board	3	.. E 4070	1157.558 -373
	bestehend aus:	consisting of:			
1	Abschirmrahmen FM	Screening frame FM			1157.914 -288
2	Abschirmdeckel FM	Screening cover FM			1164.279 -284
3	Stiftleiste 7 polig	Pin ledge 7 poles	ST101		1163.027 -277
4	Stiftleiste 18 polig	Pin ledge 18 poles	ST102		1163.043 -277
5	Quarz	Quartz	Q151	4,000 MHz	1176.234 -342
6	Keramikfilter	Ceramic filter	Q201,202	MUR SFE	1227.701 -345
7	Keramikfilter	Ceramic filter	Q203	MUR SFE	1134.140 -345
8	Keramikresonator	Ceramic resonator	Q251	MUR CSB	1128.760 -345
9	Filter	Filter	F101	FMV 1710	1176.625 -341
10	Filter	Filter	F102	FMV 1715	1176.633 -341
11	Filter	Filter	F103	FMO 1720	1154.265 -341
12	Filter	Filter	F201	FMZF1730	1154.257 -341
13	Filter (Phasenkreis FM)	Filter (Phase circuit FM)	F204		0682.322 -341
14	IC	IC	IC101	SIE TUA1574M	0671.444 -308
15	IC	IC	IC151	SIE SDA2121-2	1154.729 -308
16	IC	IC	IC152	NSC LMC662AIN	1155.091 -308
17	IC	IC	IC201	SIE TDA4225	1126.121 -308
18	IC	IC	IC251	PHI TDA1591	1127.731 -308
19	IC	IC	IC252	RCA CA3240E	0703.321 -308
20	Drossel	Choke	D102	0.68 UH	1149.326 -334
21	Drossel	Choke	D103	2.2 UH	0604.771 -334
22	Drossel	Choke	D151	0.47 UH	1148.494 -334
23	Drossel	Choke	D201	47 UH	1175.726 -334
24	Diode	Diode	DI101,102,103,104	BAW BB814	1183.710 -301
25	Diode	Diode	DI105,106	BAW BA479/389	0672.505 -301
26	Diode	Diode	DI202	BAW BAV99	1073.656 -301
27	Diode	Diode	DI251,252	BAW LL4148	0659.592 -301
28	Transistor	Transistor	T101	BAW BC858C	1224.743 -302
29	Transistor	Transistor	T102	SIE BF999	0683.401 -302
30	Transistor	Transistor	T201	PHI BF512	1070.088 -302
31	Kondensator	Capacitor	C101,102,115,117,120	3P3	1063.057 -315
32	Kondensator	Capacitor	C103,104,113,114	6P8	1063.081 -315
33	Kondensator	Capacitor	C104	1P8	1062.638 -315
34	Kondensator	Capacitor	C105,109,116,128,162	1N	1173.324 -315
35	Kondensator	Capacitor	C106,108,112,119,204,223,260,269	10N	1119.117 -315
36	Kondensator	Capacitor	C110	5P6	1063.073 -315
37	Kondensator	Capacitor	C118	8P2	1063.091 -315
38	Kondensator	Capacitor	C121	8P2	1176.447 -315
39	Kondensator	Capacitor	C122	1N	0504.882 -314
40	Kondensator	Capacitor	C124,125,202,205,206	22N	1119.176 -315
41	Elko	Elco	C127	2U2	1047.991 -312
42	Kondensator	Capacitor	C151	33P	1066.056 -315
43	Kondensator	Capacitor	C152	47P	1066.064 -315
44	Kondensator	Capacitor	C153	6N8	0356.417 -314
45	Kondensator	Capacitor	C154	3N9	1162.403 -315
46	Kondensator	Capacitor	C155	100N	0320.102 -314
47	Elko	Elco	C156	1U	0672.572 -313
48	Kondensator	Capacitor	C157,211,212,215,216,253,262,263	100N	1113.399 -315
49	Kondensator	Capacitor	C158,270	150P	1073.516 -315
50	Kondensator	Capacitor	C159	1N	1083.902 -315
51	Kondensator	Capacitor	C161,255,256,264	470P	1066.110 -315
52	Kondensator	Capacitor	C163,214	1N	1119.060 -315
53	Kondensator	Capacitor	C164	47N	1119.206 -315
54	Kondensator	Capacitor	C201	100P	1176.455 -315
55	Elko	Elco	C203	22U	1172.026 -312
56	Kondensator	Capacitor	C207	4N7	1166.751 -315
57	Kondensator	Capacitor	C208	820P	1156.624 -315
58	Kondensator	Capacitor	C209	47N	1113.372 -315
59	Kondensator	Capacitor	C210	100P	1066.072 -315
60	Kondensator	Capacitor	C213	470P	0495.001 -315
61	Kondensator	Capacitor	C215	100N	1119.702 -315
62	Kondensator	Capacitor	C251	220N	1119.745 -315
63	Kondensator	Capacitor	C252	22N	1113.356 -315
64	Elko	Elco	C254	100U	1178.172 -312
65	Kondensator	Capacitor	C257	47N	1113.372 -315
66	Kondensator	Capacitor	C258,259	6N8	1166.409 -315
67	Elko	Elco	C261	6U8	1240.226 -313
68	Elko	Elco	C265	4U7	1171.933 -312
69	Kondensator	Capacitor	C266	680P	1115.571 -315
70	Kondensator	Capacitor	C267	15P	1066.013 -315

Ersatzteile-Liste Spart Parts List

Lfd.Nr Item.No.	Benennung	Denomination	Pos.i.Schaltbild Diagram pos.	Artikel-Nr. Article No.	Best.-Nr. Part.No.
71	Kondensator	Capacitor	C268	330P	1066.102 -315
72	Trimmerwiderstand	Trimmer resistor	P204	200R Lin	1003.437 -329
73	Trimmerwiderstand	Trimmer resistor	P251	4K7 Lin	1062.549 -329
74	Trimmerwiderstand	Trimmer resistor	P252	25K Lin	1058.746 -329
75	Widerstand	Resistor	R101,110,112	56K	1159.585 -323
76	Widerstand	Resistor	R102	1K	0504.793 -323
77	Widerstand	Resistor	R103	27R	1159.054 -323
78	Widerstand	Resistor	R104,111	22K	1159.501 -323
79	Widerstand	Resistor	R105,117	10K	0562.696 -323
80	Widerstand	Resistor	R106,113,157,252, 262,267,273,276	100K	1159.631 -323
81	Widerstand	Resistor	R107,271	100R	1159.100 -323
82	Widerstand	Resistor	R116,258	5K6	0660.450 -323
83	Widerstand	Resistor	R154,155	390K	1159.747 -323
84	Widerstand	Resistor	R156	33K	1159.542 -323
85	Widerstand	Resistor	R158	560R	1159.275 -323
86	Widerstand	Resistor	R159,279	0R	1018.302 -323
87	Widerstand	Resistor	R201,222,253	10R	1159.011 -323
88	Widerstand	Resistor	R202,209	120R	1159.127 -323
89	Widerstand NTC	Resistor NTC	R203	1K	0683.620 -325
90	Widerstand	Resistor	R204	470R	1159.267 -323
91	Widerstand	Resistor	R205,207,274	330R	1159.224 -323
92	Widerstand	Resistor	R208	1K	1159.291 -323
93	Widerstand	Resistor	R212	8K2	1159.429 -323
94	Widerstand	Resistor	R213	1K8	1159.321 -323
95	Widerstand	Resistor	R215,223	4K7	1159.380 -323
96	Widerstand	Resistor	R216	180R	1159.178 -323
97	Widerstand	Resistor	R224	10R	1164.953 -323
98	Widerstand	Resistor	R251,259,260	27K	1159.534 -323
99	Widerstand	Resistor	R254	2K2	1159.348 -323
100	Widerstand	Resistor	R255,256	39K	0660.426 -323
101	Widerstand	Resistor	R257	2K	1159.331 -323
102	Widerstand	Resistor	R261	330K	1162.675 -323
103	Widerstand	Resistor	R263	47R	1159.062 -323
104	Widerstand	Resistor	R264,266	68K	1159.593 -323
105	Widerstand	Resistor	R265	120K	1159.641 -323
106	Widerstand	Resistor	R268	470K	1159.755 -323
107	Widerstand	Resistor	R269	100K	1159.623 -323
108	Widerstand	Resistor	R270	10K	1159.437 -323
109	Widerstand NTC	Resistor NTC	R272	47K	1044.907 -325
110	Widerstand	Resistor	R299	39K	1159.550 -323
	Schaltungsplatte bestehend aus:	P.C. board consisting of:	2	.. E 4090	1157.671 -373
1	Abschirmrahmen	Screening frame			1157.906 -288
2	Stiftleiste	Pin ledge	ST301		1163.019 -277
3	Stiftleiste	Pin ledge	ST302		1163.035 -277
4	Keramikfilter	Ceramic filter	Q301		1155.911 -345
5	Filter	Filter	F301		1163.795 -341
6	Filter	Filter	F311		1163.868 -341
7	Filter	Filter	F312		1163.876 -341
8	Filter	Filter	F315	LWZ 1605	1163.833 -341
9	Filter	Filter	F316	LWZ 1610	1163.841 -341
10	Filter	Filter	F319	KWZ 1645	1163.906 -341
11	Filter	Filter	F320	KWZ 1650	1163.914 -341
12	Filter	Filter	F331	MWO 1635	1163.884 -341
13	Filter	Filter	F332	LWO 1615	1163.851 -341
14	Filter	Filter	F333	KWO 1655	1163.922 -341
15	Filter	Filter	F341	AM-ZF 1670	1163.930 -341
16	IC	IC	IC301	PHI TDA1572	1158.589 -308
17	Diode	Diode	DI305	PHI BAS32	0574.821 -301
18	Diode	Diode	DI306,307	SIE BA585	1152.106 -301
19	Diode	Diode	DI311,312,319,320, 331	SIE BB512	1152.092 -301
20	Diode	Diode	DI351	BAW BAV70	0672.475 -301
21	Diode	Diode	DI352,353	BAW BAW56	1043.587 -301
22	Transistor	Transistor	T301	PHI J110 0N4742	1164.082 -302
23	Transistor	Transistor	T302	PHI BF370	0659.681 -302
24	Transistor	Transistor	T303,311,312,313, 314,318,325	BAW KRC105S/ BCR108	1172.662 -302
25	Transistor	Transistor	T305,306,316,317	PHI BF556A	1161.172 -302
26	Transistor	Transistor	T307	BC848B	0584.126 -302
27	Transistor	Transistor	T309,361	BAW BC858B	0659.673 -302

Ersatzteile-Liste Spart Parts List

Lfd.Nr Item.No.	Benennung	Denomination	Pos.i.Schaltbild Diagram pos.	Artikel-Nr. Article No.	Best.-Nr. Part.No.
28	Transistor	Transistor	T321,322,323	BAW BC848C	1231.820-302
29	Transistor	Transistor	T327,371	BAW BC848C	0659.622-302
30	Trimmerkondensator	Trimmer capacitor	CT311,312,319,320, 341,	4P2/20P	1152.114 -311
31	Trimmerkondensator	Trimmer capacitor	CT342	6P/50P	1177.753-311
32	Kondensator	Capacitor	C301,327	1N	1119.060-315
33	Kondensator	Capacitor	C302,382,383,384	10N	1119.117-315
34	Kondensator	Capacitor	C303,350,355,355	220N	1119.745-315
35	Kondensator	Capacitor	C304,310,325,331, 340,356,381	100N	1113.399-315
36	Kondensator	Capacitor	C317,318,353,	100P	1162.160-315
37	Kondensator	Capacitor	C321,322,346	22P	1066.031-315
38	Kondensator	Capacitor	C323	1P	1062.611-315
39	Elko	Elco	C328	2U2	1171.895-312
40	Elko	Elco	C329	4U7	1171.925-312
41	Kondensator	Capacitor	C330,365	22N	1119.176-315
42	Kondensator	Capacitor	C345	300P	1177.771-315
43	Kondensator	Capacitor	C346 *	18P *	1066.021-315
44	Kondensator	Capacitor	C351,371	470P	1162.241-315
45	Kondensator	Capacitor	C354	5N6	1172.638-315
46	Kondensator	Capacitor	C357	12N	1166.484-314
47	Elko	Elco	C360	1U	1171.879-312
48	Elko	Elco	C361,380	22U	1172.018-312
49	Kondensator	Capacitor	C372	560P	1162.284-315
50	Kondensator	Capacitor	C373	1N	1162.322-315
51	Kondensator	Capacitor	C374	2N	1162.365-315
52	Kondensator	Capacitor	C375	100N	1119.214-315
53	Widerstand	Resistor	R301	470K	1159.755-323
54	Widerstand	Resistor	R302,303	47R	1159.062-323
55	Widerstand	Resistor	R304,307,365	2K2	1159.348-323
56	Widerstand	Resistor	R305	680R	1159.283-323
57	Widerstand	Resistor	R306,313,318	1M	1159.781-323
58	Widerstand	Resistor	R310	18R	1159.021-323
59	Widerstand	Resistor	R314	56R	1173.421-323
60	Widerstand	Resistor	R315,316	390K	1159.747-323
61	Widerstand	Resistor	R327,359	5K6	1159.399-323
62	Widerstand	Resistor	R328	82K	1159.615-323
63	Widerstand	Resistor	R329	56K	1159.585-323
64	Widerstand	Resistor	R331,357	10K	1159.437-323
65	Widerstand	Resistor	R332,355	560R	1159.275-323
66	Widerstand	Resistor	R334	10K	1061.046-325
67	Widerstand	Resistor	R335	3K3	1159.364-323
68	Widerstand	Resistor	R336,337	220R	1159.194-323
69	Widerstand	Resistor	R339,341,343,345, 351,356,376	1K	1159.291-323
70	Widerstand	Resistor	R340	22R	1159.038-323
71	Widerstand	Resistor	R344	100K	1159.631-323
72	Widerstand	Resistor	R353,354	47K	1159.577-323
73	Widerstand	Resistor	R358	1K5	1159.313-323
74	Widerstand	Resistor	R361	100R	1159.100-323
75	Widerstand	Resistor	R366	2K7	1159.356-323
76	Widerstand	Resistor	R371,372	47K	1159.569-323
77	Widerstand	Resistor	R374	270K	1159.690-323
78	Widerstand	Resistor	R375	24K	1159.518-323
79	Widerstand	Resistor	R377	68K	1159.593-323
80	Widerstand	Resistor	R378	120K	1159.641-323

Ersatzteile-Liste Spart Parts List

Lfd.Nr Item.No.	Benennung	Denomination	Pos.i.Schaltbild Diagram pos.	Artikel-Nr. Article No.	Best.-Nr. Part.No.
	Schaltungsplatte (nicht als Komplett-Teil lieferbar)	P.C. board (not available completely)	5	.. E 4010	
1	Frontwand	Front part			1157.833-285
2	Rückwand mit Antennenbuchse	Back part with antenna socket			1164.211-287
3	Masseblech (Antenne)	Chassis sheet (antenna)			1177.990-283
4	Abschirmdeckel (µP)	Screening cover (µP)			1175.815-284
5	Stiftleiste 19 polig	Pin ledge 19 poles	ST721		1158.041-277
6	Stiftleiste 12 polig	Pin ledge 12 poles	ST801		1158.716-277
7	Überspannungsableiter	Arrester	SP41	200V	1031.112-395
8	Keramikresonator	Ceramic resonator	Q385	MUR BFU	1177.559-345
9	Quarz	Quartz	Q901	12.000 MHz	1179.640-342
10	Quarz	Quartz	Q1301	4.332 MHz	1182.511-342
11	IC	IC	IC231	BAW TL082ID/IM	1172.931-308
12	IC	IC	IC291	PHI PC74HC4066D	1165.003-308
13	IC	IC	IC451	SGT TDA7310	1155.113-308
14	IC	IC	IC452,471	PHI HEF4066BT	0774.308-308
15	IC	IC	IC721,911	PHI HEF4094BT	1156.901-308
16	IC	IC	IC731	SOY CXA1102M	1050.141-308
17	IC (nur mit Spezialwerkzeug aus- lötlbar. Bei Defekt gegebenenfalls Gerät ins Werk einsenden)	IC (Resoldering only with special tool. In case of defect return unit to factory)	IC901	SIE SAB80C535- N-T40/85	1060.171-308
18	IC	IC	IC902	BAW 27C512-1388	1232.320-308
19	IC-Sockel	IC-base			0655.791-267
20	IC	IC	IC903	PHI HEF40373BT S020	0588.539-308
21	IC	IC	IC904	SAY LC3564SM-10	1230.530-308
22	IC	IC	IC907	AMC 85C82I/SM	1160.567-308
23	IC	IC	IC1231	PHI LM2903D	1015.461-308
24	IC	IC	IC1232	HRS CA3140M-96	1070.762-308
25	IC	IC	IC1301	PHI SAA6579T/V1	1155.431-308
26	Drossel	Choke	D41	2.2 UH	1178.237-334
27	Drossel	Choke	D385,901,902,903	10 UH	1005.804-334
28	Diode	Diode	DI31,32,41,42,231,291, 721,901,902,903,915, 916,1232,1233,1401	BAW LL4148	0659.592-301
29	Diode	Diode	DI71	TEL BZT03D22	1010.921-301
30	Diode	Diode	DI232	PHI BAT54S	1154.699-301
31	Diode	Diode	DI911,912	BAW BAW56	1043.587-301
32	Diode	Diode	DI1231	BAW BAV70	0672.475-301
33	Transistor	Transistor	T31	BAW BC807-16	1172.913-302
34	Transistor	Transistor	T32,744,901,1232	BAW BC848B	0659.614-302
35	Transistor	Transistor	T232,385,386,387, 389,390,1231	BAW BC848C	1224.727-302
36	Transistor	Transistor	T291,451,452,741, 742,912,914,917,921, 922,1401	BAW KRC103S/ RN1403	1172.646-302
37	Transistor	Transistor	T743,911,919	BAW BC808-40	1018.280-302
38	Transistor	Transistor	T902,903,904	ITT BC848B/E6619	1215.711-302
39	Transistor	Transistor	T915,916,918,1404	BAW KRA103S/ RN2403	1172.654-302
40	Transistor	Transistor	T1402	BAW BC858C	1224.743-302
41	Transistor	Transistor	T1403,1405	BAW BC847C	1076.388-302
42	Transistor	Transistor	T1407	BAW BC807-40	1027.931-302
43	Elko	Elco	C31	220U	1173.057-312
44	Kondensator	Capacitor	C41	1N	1173.324-315
45	Kondensator	Capacitor	C231,386,465,469	10N	1119.125-315
46	Kondensator	Capacitor	C233	10P	1108.506-315
47	Elco	Elco	C234,476,490	10U	1171.984-312
48	Elco	Elco	C235,237,456,479, 702,722,1303	2U2	1173.261-312
49	Kondensator	Capacitor	C236,1304	330P	1066.102-315
50	Elko	Elco	C238,459,485,495, 1233	4U7	1173.278-312
51	Kondensator	Capacitor	C291,385,464,903- 909,1232,1307,1326	100N	1113.399-315
52	Kondensator	Capacitor	C387	22N	1119.176-315
53	Kondensator	Capacitor	C388	470N	0370.851-314
54	Elko	Elco	C389	47U	1172.050-312
55	Elko	Elco	C390	22U	1172.018-312
56	Kondensator	Capacitor	C451,461,471,481	220N	0325.031-314
57	Kondensator	Capacitor	C452,453,472,473	560N	1171.402-314
58	Kondensator	Capacitor	C454,474	100N	0325.023-314
59	Kondensator	Capacitor	C455,475	220N	0348.491-314
60	Kondensator	Capacitor	C458,478	2N7	1083.945-315

Ersatzteile-Liste Spart Parts List

Lfd.Nr Item.No.	Benennung	Denomination	Pos.i.Schaltbild Diagram pos.	Artikel-Nr. Article No.	Best-Nr. Part.No.
61	Kondensator	Capacitor	C462,482,483,486, 487,488,489,1308	47P	1066.064-315
62	Kondensator	Capacitor	C467,470	100N	0320.102-314
63	Kondensator	Capacitor	C484,926	33N	1119.192-315
64	Elko	Elco	C701,721	U68	1173.758-313
65	Elko	Elco	C702,722	U33	1017.373-313
66	Elko	Elco	C723,727,731	100U	1172.085-312
67	Kondensator	Capacitor	C901	5P6	1063.073-315
68	Kondensator	Capacitor	C902	22P	1066.031-315
69	Kondensator	Capacitor	C910 - 925,927 - 931, 934 - 947,998,999	100P	1066.072-315
70	Kondensator	Capacitor	C932	33N	1113.364-315
71	Kondensator	Capacitor	C933,1239	220N	1119.745-315
72	Kondensator	Capacitor	C948	47N	1113.372-315
73	Kondensator	Capacitor	C1231	680P	1115.571-315
74	Kondensator	Capacitor	C1234	680N	1167.979-314
75	Kondensator	Capacitor	C1235	4N7	1166.751-315
76	Kondensator	Capacitor	C1236	1N	1119.060-315
77	Kondensator	Capacitor	C1237,1401	33P	1066.056-315
78	Kondensator	Capacitor	C1306	560P	1156.561-315
79	Kondensator	Capacitor	C1309	82P	1156.527-315
80	Kondensator	Capacitor	C1334	220P	1083.848-315
81	Kondensator	Capacitor	C1405	10N	1113.321-315
82	Trimmerwiderstand	Trimmer resistor	P701,721	10K Lin	1062.557-329
83	Widerstand	Resistor	R31,32,388,395,932, 1231,1237,1238	4K7	1159.380-323
84	Widerstand	Resistor	R33,231,235,291,456, 462,725,901-903,933, 971,974,983,1309	47K	1159.577-323
85	Widerstand	Resistor	R34,55,387,397,475, 476,741,977,978,981, 997,998,999,1407, 1413,1414	10K	1159.437-323
86	Widerstand	Resistor	R35,391,480,748,963, 1232,1323,1333,1404, 1416,1418	100K	1159.631-323
87	Widerstand	Resistor	R45,72,401,601-604, 904-906,1245	0R	1018.302-323
88	Widerstand	Resistor	R71	47R	0540.031-323
89	Widerstand	Resistor	R232	100K	1008.080-323
90	Widerstand	Resistor	R233	120K	1008.099-323
91	Widerstand	Resistor	R236	470K	1008.137-323
92	Widerstand	Resistor	R237,295,457,742, 976,980	2K2	1159.348-323
93	Widerstand	Resistor	R238,744,907,908, 909,948 - 962,964, 970,987,1401,1405	22K	1159.501-323
94	Widerstand	Resistor	R239	1K2	1120.069-323
95	Widerstand	Resistor	R240,1233,1235	1K	1007.661-323
96	Widerstand	Resistor	R241,474	6K8	1159.402-323
97	Widerstand	Resistor	R242	470K	1159.755-323
98	Widerstand	Resistor	R292,386,400,731, 1301	10R	1159.011-323
99	Widerstand	Resistor	R385,389	330R	1159.224-323
100	Widerstand	Resistor	R390,972,973,984	100R	1159.100-323
101	Widerstand	Resistor	R392,1406	18K	1159.471-323
102	Widerstand	Resistor	R393,461,910 - 931, 936-939,941- 947,975, 1411	1K	1159.291-323
103	Widerstand	Resistor	R394	39K	1159.550-323
104	Widerstand	Resistor	R396,451,471	1K5	1159.313-323
105	Widerstand	Resistor	R398	15K	1159.461-323
106	Widerstand	Resistor	R399	5M6	1159.798-323
107	Widerstand	Resistor	R452,453,472,473	4K3	1023.020-323
108	Widerstand	Resistor	R721	43K	1008.013-323
109	Widerstand	Resistor	R743,979,982,1240	8K2	1159.429-323
110	Widerstand	Resistor	R745	560R	1065.432-323
111	Widerstand	Resistor	R746	68K	1159.593-323
112	Widerstand	Resistor	R747,1324	27K	1159.534-323
113	Widerstand	Resistor	R934,935,940	470R	1159.267-323
114	Widerstand	Resistor	R968	1M8	1166.506-323
115	Widerstand	Resistor	R1234	39K	1008.005-323
116	Widerstand	Resistor	R1236	12K	1007.874-323
117	Widerstand	Resistor	R1239	330K	1162.675-323

Spart Parts List

[illegible]

Von uns verwendete Bauteile unterliegen einer bestimmten Spezifikation. Deshalb dürfen im Reparaturfall nur Original Ersatzteile verwendet werden, die über unsere Kundendienstorganisation unter Angabe der Bestellnummer bezogen werden können.

The components used by us are subject to a precise specification. Therefore, in case of repair only original spare parts can be used, which can be ordered at our service department under indication of the order number.